

What is claimed is:

1. A shielding apparatus of projection television containing an optical block, and a circuit block including a printed board on which electric circuit components are mounted, said shielding apparatus comprising:

5 a metal shield casing for accommodating and shielding said optical block and said circuit block,

a printed board holding section detachably fixed to said metal shield casing for holding the printed board, and

10 a connection section provided in the metal shield casing so as to snap in the printed board holding section and conduct electrically with it each other,

wherein said printed board holding section are fixed to contact elastically with the metal shield casing through the connection section, and shield the optical block and circuit block.

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2. The shielding apparatus of claim 1, wherein a ungula-shape-portion formed in the metal shield casing are inserted into a hole formed in the printed board holding section, and the printed board holding section snaps in the metal shield casing to be connected and fixed.

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3. The shielding apparatus of claim 1, wherein the connection section included in a metal optical block holding section snaps in the printed board holding section, the metal optical block holding section conducts and connects with a metal casing of the printed board holding section, the metal optical
25 block holding section forms a part of a shielding structure, and the optical block is detachably fixed in the metal shield casing by contacting elastically the metal shield casing.

4. The shielding apparatus of claim 1, wherein a screw for tightening at least one of the circuit block and the optical block to the metal shield casing is painted in a different color between a screw that needs to be removed at a
5 time of servicing, and another screw not needed to be removed.

5. The shielding apparatus of claim 1, wherein another printed board holding section and the metal shield casing contact point by point with a protrusion formed in the another printed board holding section, and the
10 another printed board holding section and the metal shield casing conduct with each other so as to enhance contact pressure.

6. The shielding apparatus of claim 1, wherein another printed board holding section and the metal shield casing contact with a conductive gasket
15 formed in the another printed board holding section, and the another printed board holding section and the metal shield casing conduct with each other so as to enhance contact pressure.

7. The shielding apparatus of claim 1, wherein the optical block is
20 disposed beneath an inside of a top of the metal shield casing, and the optical block is pressed to the metal shield casing by its own weight, and contacts and conducts with the metal shield casing.

8. The shielding apparatus of claim 1, wherein the metal shield
25 casing contacts point by point with a protrusion formed in another printed board holding section, outside of the another metal printed board holding section, and the another metal printed board holding section and the metal

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shield casing conduct so as to enhance contact pressure mutually.

9. The shielding apparatus of claim 1, wherein the metal shield casing contacts with a conductive bend formed in another printed board holding section, outside of the another metal printed board holding section, and the another metal printed board holding section and the metal shield casing conduct so as to enhance contact pressure mutually.

10. The shielding apparatus of claim 1, wherein a conductive gasket formed in another printed board holding section contacts with the metal shield casing and the another metal printed board holding section simultaneously, and the another metal printed board holding section and the metal shield casing conduct so as to enhance contact pressure mutually.

11. The shielding apparatus of claim 1, wherein a metal shield section is disposed so as to contact with a resin-made cover component, and the metal shield section elastically contacts with the surface of the metal shield casing so as to shield electromagnetic waves passing through the resin-made cover component.

12. The shielding apparatus of claim 1, wherein a protrusion of a metal shield elastically contacts with the printed board holding section by way of a through-hole provided in the printed board, and cooling effect of the printed board is enhanced by thermal conduction between the printed board and the metal shield.

13. The shielding apparatus of claim 1, wherein a conductive spring

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device is provided in a shield disposed in the optical block so that a metal casing of a projection lens included in the optical block may be movable, and electromagnetic undesired radiation generated in a gap between the optical block and the shield disposed in the optical block is cut off.

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14. The shielding apparatus of claim 1, wherein a spring device contacting with a projection lens casing when the projection lens casing is inserted into the spring device, is provided in a flat plane provided in the optical block.

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15. The shielding apparatus of claim 1, wherein a conductive gasket contacting with a projection lens casing when the projection lens casing is inserted into the gasket, is provided in a flat plane provided in the optical block.

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